

Fig. 1a

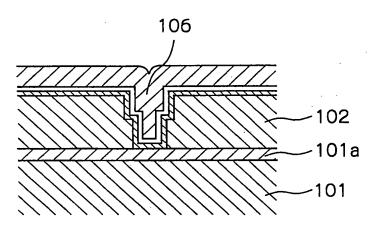


Fig. 1b

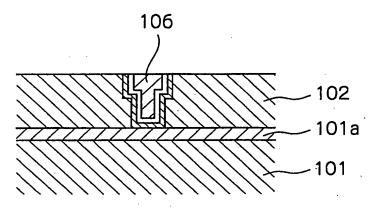
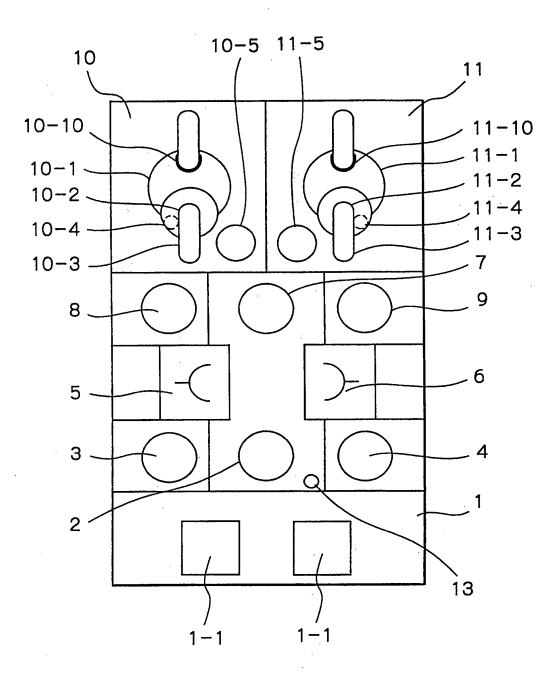
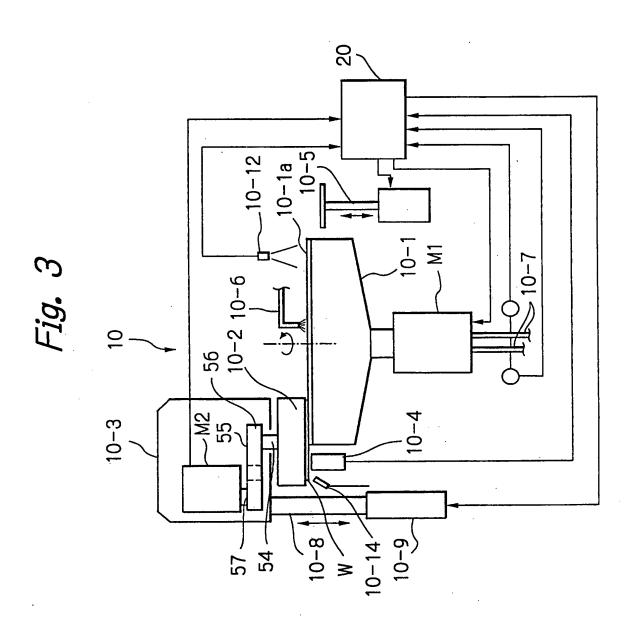
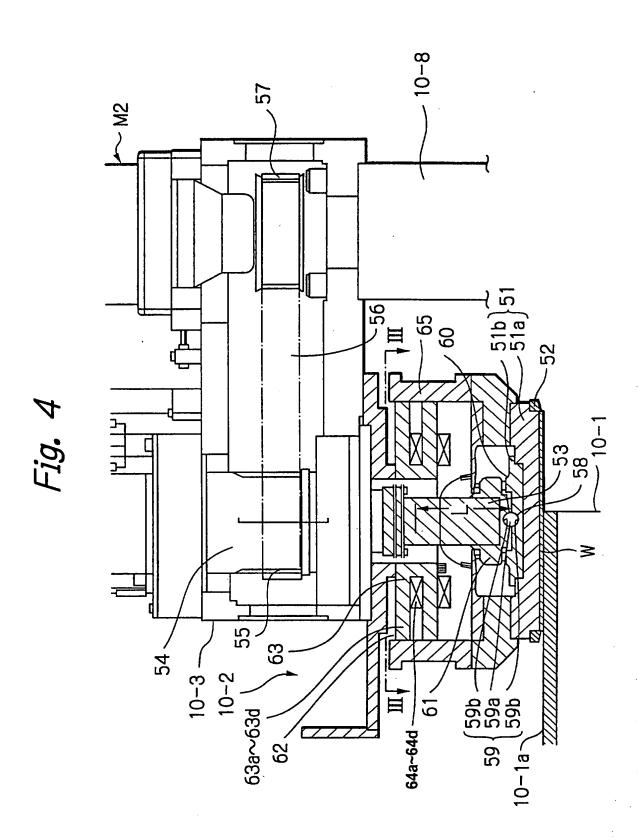


Fig. 1c

Fig. 2







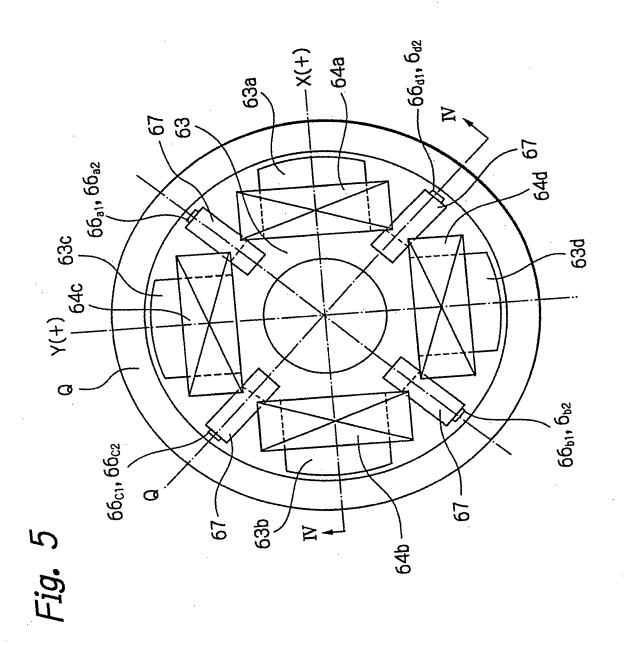
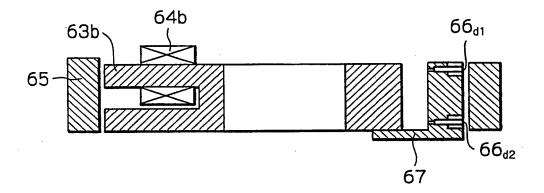


Fig. 6



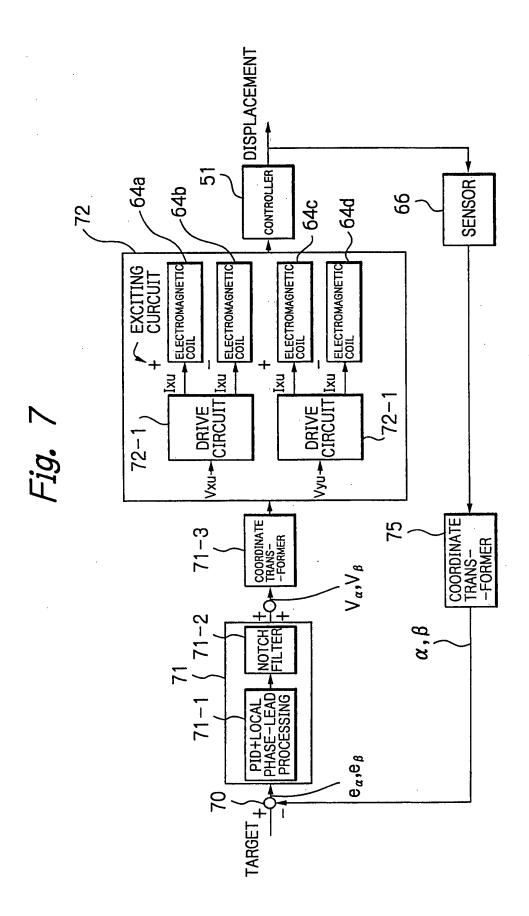


Fig. 8

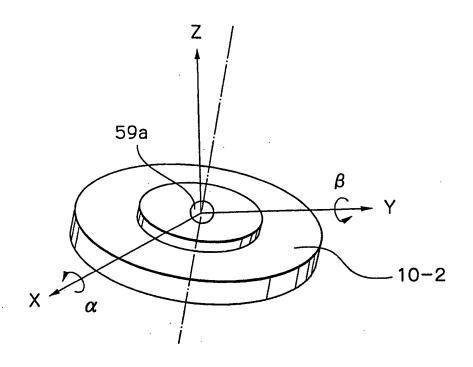


Fig. 11

	SLURRY	SUBSTRATE URGING FORCE	NUMBER OF REVOLUTIONS
FIRST POLISHING STEP	SILICA BASE SLURRY FOR COPPER POLISHING	400 g/cm²	70 rpm
SECOND POLISHING STEP  ↓	SILICA BASE SLURRY FOR COPPER POLISHING	200 g/cm²	70 rpm
END POINT			
·->			
POLISHING SURFASE CLEANING			
>			
THIRD POLISHING STEP	SILICA BASE SLURRY FOR Ta POLISHING	200 g/cm²	50 rpm

Fig. 12

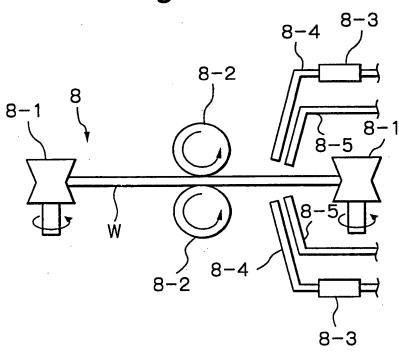


Fig. 13

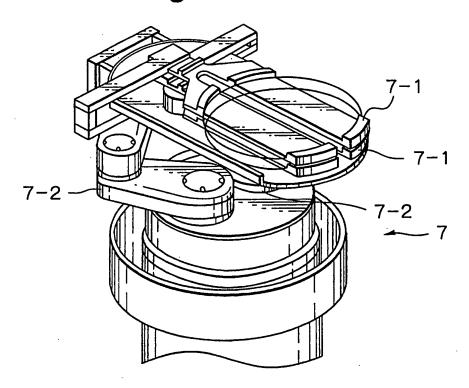
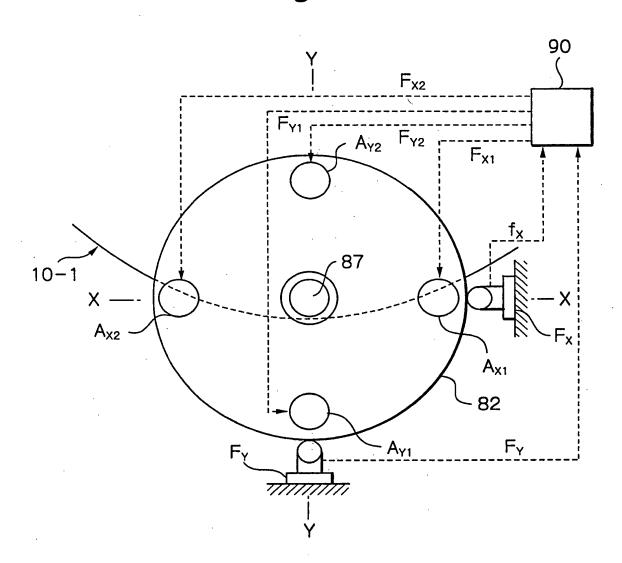
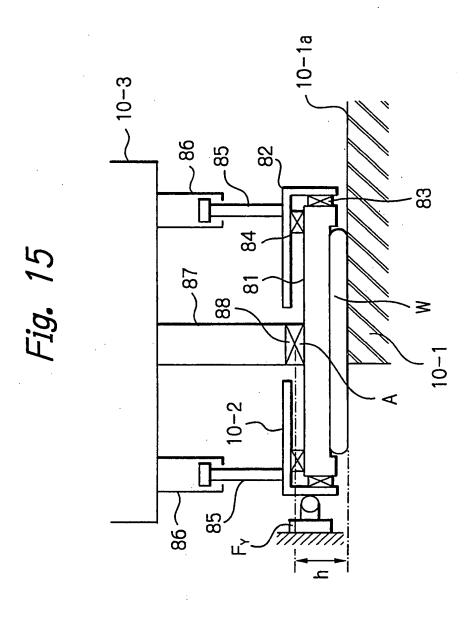


Fig. 14





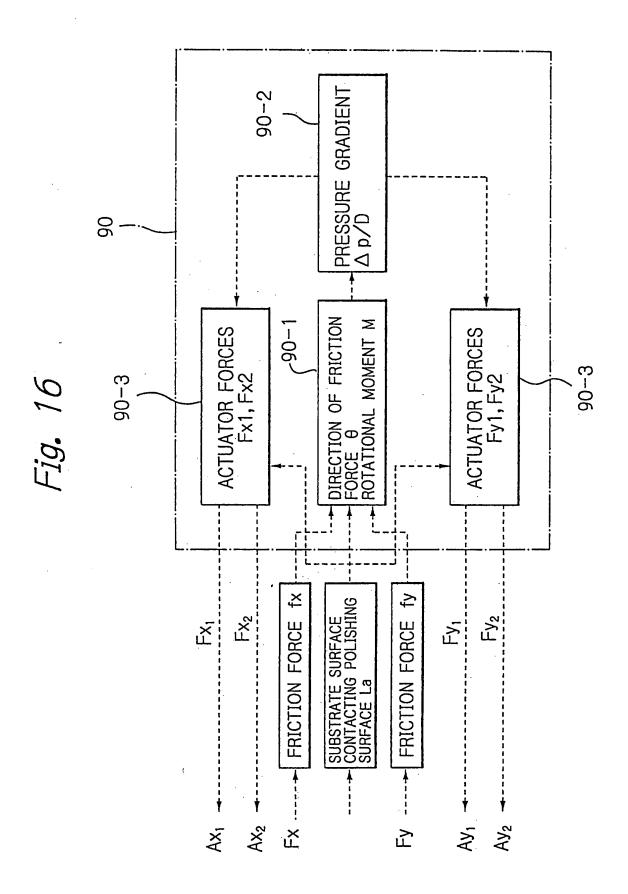


Fig. 17

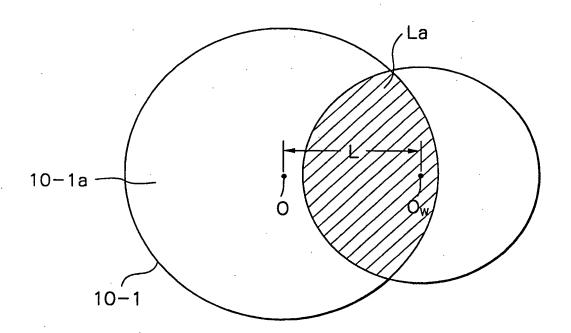


Fig. 18

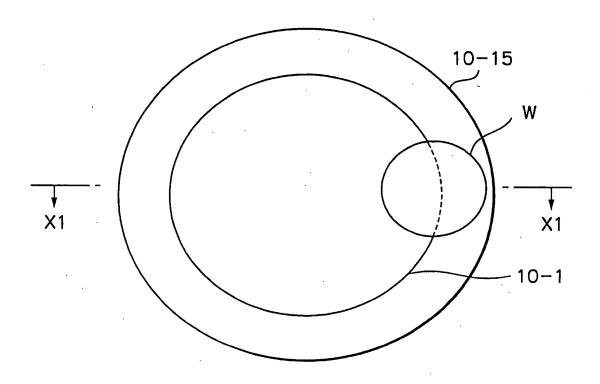


Fig. 19

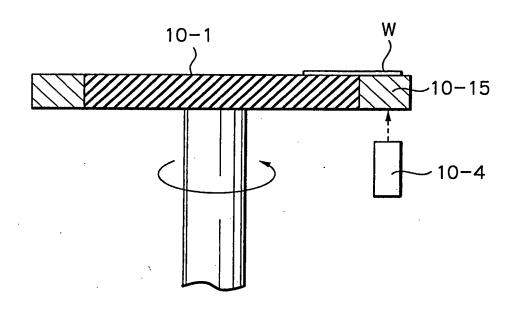


Fig. 20

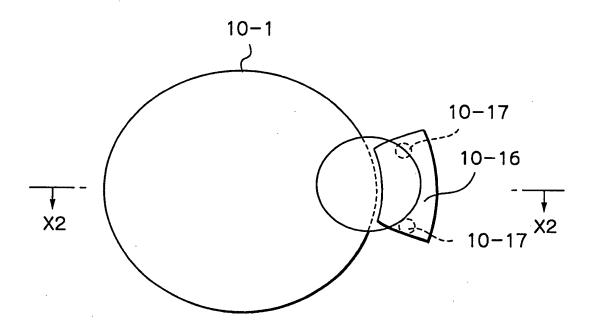


Fig. 21

